

Characterization protocol

According to the procedures followed by Montes-Fonseca et al (2012), the CNTs were characterized by scanning electronic microscopy (SEM) in a JEOL SEM, model JSM-5800 LV equipped with an energy dispersive X-ray analyzer (for elemental analysis). The quality of the structure of CNTs was measured by Raman spectroscopy using a micro-Raman LabRAM HR, Horiba Jobn Yvon, coupled to Olympus BX-4 microscope. The laser line used to excite the sample was 632.8 nm and all measurements were performed at room temperature.